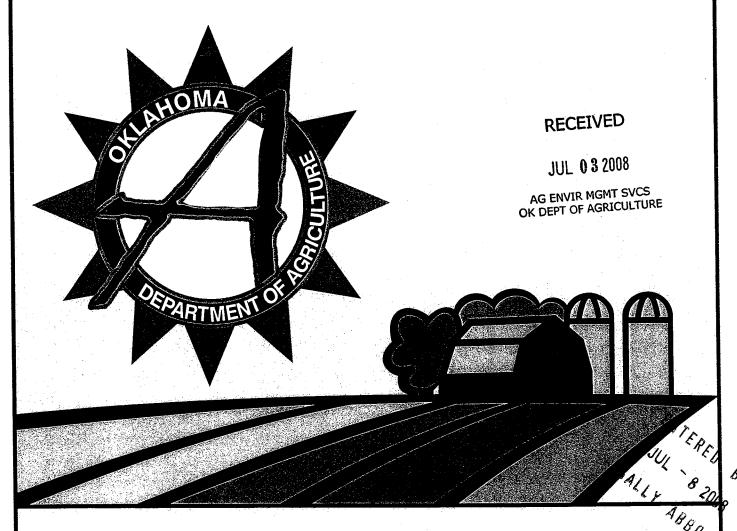
ANIMAL WASTE MANAGEMENT PLAN CLYDE & HELEN MASTERS POULTRY PRODUCTION OPERATION ADAIR COUNTY, OKLAHOMA



WATER QUALITY SERVICES DIVISION

OKLAHOMA DEPARTMENT OF AGRICULTURE

P. O. Box 528804, Oklahoma City, Oklahoma 73105

Exhibit P

TABLE OF CONTENTS

		Page Nos.
A.	Introduction	1
B.	Description of the Operation	1-2
C.	Environmental Assessment	2
D.	List of Exhibits (Section 14-T17N-R25E) Adair County 1. Legal Location Plat	4
E.	Dead Bird Disposal	7
F	Additional Information	7

RECEIVED

JUL 032008

AG ENVIR MGMT SVCS OK DEPT OF AGRICULTURE

SALLY 8 2008

ABBOTT

PO169

(2009 Cargill supp-00169)

ANIMAL WASTE MANAGEMENT PLAN **CLYDE & HELEN MASTERS** POULTRY PRODUCTION OPERATION ADAIR COUNTY, OKLAHOMA **JUNE 2008**

A. INTRODUCTION

The land application of nutrients in excess of crop needs may lead to water quality problems. It is important to manage the poultry litter in an environmentally safe manner. Historically in Oklahoma, poultry litter has been used in land application for its nitrogen (N) value. However, in doing so, an excess amount of phosphorus (P) is accumulated in the soil.

Since plants take up and remove only about 10 to 25 percent as much P as N, a significant build up of P in the soil can take place over a period time which may lead to the degradation of down stream water resources. Due to these water quality concerns, future land application of poultry litter will be based upon phosphorus content of the soil and poultry litter. This Animal Waste Management Plan (AWMP), was prepared to meet the regulatory requirements under the Oklahoma Registered Poultry Feeding Operations Act and the rules and regulations developed under the Act. This AWMP includes a combination of conservation and management practices designed to protect the natural resources of the state.

This plan was developed based on the requirements of the current standard and any applicable federal, state, or local regulations or policies; and that change in any of these requirements may necessitate a revision of this plan. This plan will need to be revised at ECEIVED the end of six years, which will be June 2014.

JUL **0 3 20**08

B. DESCRIPTION OF THE OPERATION

AG ENVIR MGMT SVCS OK DEPT OF AGRICULTURE

This animal waste management plan was developed in June 2008 for the Clyde & Helen Masters poultry farm located in section 14-T17N-R25E Adair county, Oklahoma. This turkey operation consists of three houses built in 1989. Each house is 40 feet wide and 500 feet long. Total capacity of these three houses is 18,400 birds per flock. Approximately 5 batches of turkeys are raised each year for a total yearly production of 92,000 turkeys per year.

92,000 turkeys per year.

Rice hulls are used for bedding. Ordinarily each house is caked out after each batch of turkeys and completely cleaned out each year, but clean out may vary. The average yearly production of litter from these three houses is 200 tons. The operator hires a private contractor to remove litter from the houses.

Litter generated by this operation will not be used on this farm. All litter will be sold and moved off-site. When litter is sold, a record will be maintained of the name of the appropriate to the sold.

(2009 Cargill supp-00170 Page 1)

C. ENVIRONMENTAL ASSESSMENT

This poultry operation is in the Ozark Highland Major Land Resource Areas. The soils are formed from cherty limestone of the Boone formation of Mississippian age.

This operation is not in a nutrient limited watershed. This operation is in a nutrient vulnerable ground water area, therefore a new soil and litter test will be required every year. The ground water vulnerability is high. There are ponds and water wells in this area, but no perennial streams run through this operation. If the recommended management practices are followed, there should be no adverse environmental impact.

RECEIVED

JUL 03 2008

AG ENVIR MGMT SVCS OK DEPT OF AGRICULTURE

SALLY APP-00171) Page 2

(2009 Cargill Supp-00171) Page 2

OKLAHOMA DEPARTMENT OF AGRICULTURE, FOOD, & FORESTRY NORTH AGRICULTURAL ENVIRONMENTAL MANAGEMENT SERVICES Legal Location Platt Facility Name Clyde & Helen Masters Legal Desc. Sec 14 T17N R25E Mer. County Adain OKLAHOMA DEPARTMENT OF AGRICULTURE, FOOD, & FORESTRY NORTH Size: 10 acre Scale: 1" = 660'										
					JUL	O 3 2008 R MGMT SVCS F AGRICULTURE				

AWMP Poultry Facility Location

SI4 TITN Adair R25e

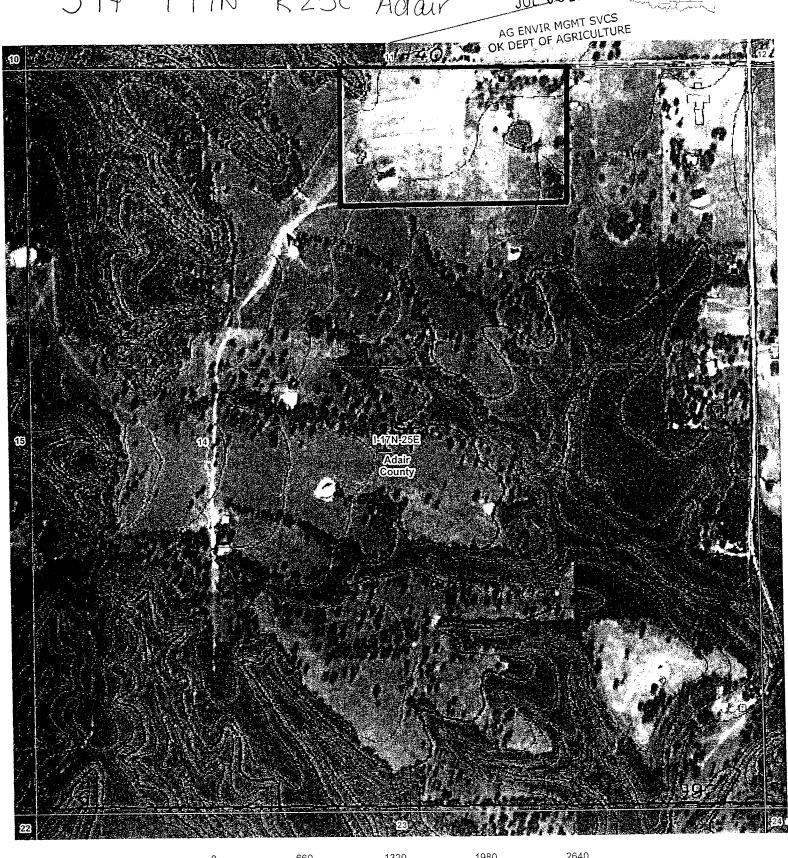
RECEIVED JUL 03 5008 AG ENVIR MGMT SVCS



AWMP Poultry Facility Location

R 25e Adair

RECEIVED



AWMP Poultry Facility Location

R 25e

Adair

RECEIVED JUL 03 2008



E. <u>DEAD BIRD DISPOSAL</u>

- 1. Birds from normal death loss are composted.
- 2. In the event of catastrophic death loss, contact the director of water quality of the Oklahoma Department of Agriculture within 24 hours at (405) 521-3864.

F. ADDITIONAL INFORMATION:

- 1. No litter test was available. A litter sample will be collected and tested before litter is removed from this site.
- 2. The average yearly litter production will be approximately 200 tons.
- 3. This plan is being revised because the original plan developed in August 2002 is almost six years old.

RECEIVED

JUL 03 2008

AG ENVIR MGMT SVCS OK DEPT OF AGRICULTURE